

# DOOSAN

G150-III A & G200-III A | Product Range



# Specifications



Models	G150-III A	G200-III A
<b>Electrical performance and components</b>		
Prime power @ 1500 RPM (50 Hz)	150 kVA	200 kVA
Stand-by power @ 1500 RPM (50 Hz)	165 kVA	220 kVA
Frequency	50 Hz (60 Hz - optional)	50 Hz (60 Hz - optional)
Voltage, single phase / triple phase (50 Hz)	230 V / 400 V	230 V / 400 V
Voltage, single phase / triple phase (60 Hz)	230 V / 440 V	230 V / 440 V
Maximum sound power level @ 75% load	96 LwA	97 LwA
Alternator make	Leroy Somer	Leroy Somer
Alternator excitation type	AREP	AREP
Alternator insulation class	H	H
Alternator IP rating	IP 23	IP 23
Main breaker make	Schneider Electric	Schneider Electric
<b>Engine</b>		
Make	John Deere	John Deere
Model	6068HFG82	6068HFG82
Emission compliance	EU Stage IIIA	EU Stage IIIA
Prime power (engine - net)	139 kW	184 kW
Cylinders	6 (in line)	6 (in line)
Electrical supply (DC)	12 V	12 V
Speed regulation accuracy (steady state)	+/- 0.25%	+/- 0.25%
Fuel tank, usable capacity - std / extended	500 l / 1000 l	500 l / 1000 l
Fuel consumption @ 75% of the load	26.2 l/h	36.3 l/h
Runtime @ 75% of the load - std / extended fuel tank	19 h / 38 h	13.8 h / 27.6 h
<b>Dimensions &amp; weights</b>		
Length	3524 mm	3524 mm
Width	1200 mm	1200 mm
Height - std / extended fuel tank	2103 mm / 2353 mm	2103 mm / 2353 mm
Dry weight - std / extended fuel tank	2600 kg / 2850 kg	2700 kg / 2950 kg
Wet weight - std / extended fuel tank	3100 kg / 3850 kg	3200 kg / 3950 kg
<b>Standard features</b>		
Two element air filter	○	○
Fuel filter with water separator	○	○
Radiator access door	○	○
Coolant fluid and engine oil external drains	○	○
Double wall fuel tank standard runtime (min. 12 h at 75% of the load)	○	○
Containment base, 110% of all fluids	○	○
Removable fuel filling port for tank cleaning	○	○
Combined containment and fuel tank drain plugs	○	○
Forklift pockets	○	○
Central lifting point	○	○
Safe lifting point access steps	○	○
Keys on all access doors	○	○
Robust battery isolator switch	○	○
Analogue panel (gauges, auto-start control and alarms/shutdown module)	○	○
Automatic start voltage free contacts	○	○
4-pole circuit breaker	○	○
Adjustable earth leakage protection 30mA - 30A	○	○
Robust connection busbar	○	○
Heavy duty alternator winding impregnation (LS System 2)	○	○
<b>Options</b>		
Digital control panel	■	■
Dual frequency with digital control panel	■	■
Multiple neutral / earthing system	■	■
Synchronization panel	■	■
Power Management Software (only with synchronization option)	■	■
Dual frequency with synchronization panel	■	■
Double wall fuel tank extended runtime (min. 24 h at 75% of the load)	■	■
3-way fuel supply internal valve block	△	△
3-way fuel supply internal valve block - external fuel connection ready	△	△
Containment / fuel drain riveted cover	■	■
Frame peripheral rubber protection	△	△
Earth rod and cable	△	△
Heavy duty alternator winding impregnation (LS System 4)	■	■
Oil sump pump	△	△
Containment manual drain pump (factory mounted)	■	■
Socket panel CE	△	△
Socket panel UK	△	△
230 Volts battery charger and engine block heater	△	△
Refinery kit	■	■
Customized colour (canopy / canopy and frame)	■	■

○ = Standard   ■ = Optional   △ = Retrofittable option